



## Conservation Practice Overview

July 2022

### Grazing Land Mechanical Treatment (Code 548)

Grazing land mechanical treatment involves treating or modifying soil and plant conditions using mechanical tools to meet the desired purpose.

#### Practice Information

Mechanical treatments can improve soil permeability, increase infiltration, reduce runoff, and renovate and stimulate the plant community for greater productivity and yield. The benefits are obtained by fracturing compacted soil layers and breaking up root-bound conditions and thatch to increase plant vigor.



This standard may be applied on pastureland, rangeland, grazed forest, and native pastures where the slopes are less than 20 percent and on soils that are not too wet.

Activities that are involved with this practice may include contour furrowing, chiseling, terracing, pitting, ripping, seeding, prescribed burning, flailing, and aerating.

#### Common Associated Practices

NRCS Conservation Practice Standard (CPS) Grazing Land Mechanical Treatment (Code 548) is commonly used on rangeland and applied with other conservation practices such as NRCS CPSs Range Planting (Code 550), Prescribed Grazing (Code 528), and Herbaceous Weed Treatment (Code 315). On pastureland the practice is used with NRCS CPS Pasture and Hay Planting (Code 512) and Prescribed Grazing (Code 528).

For further information, contact your local NRCS field office.